

8. A method for using a biochip, comprising the steps of:
 - (a) providing the biochip having a surface spotted with a plurality of biopolymers in a predetermined pattern of spot locations and a storage medium stored with information of the biopolymers, said information including at least one spot location, identity of the biopolymers spotted on said spot location, and an amount of the biopolymers spotted on said spot location;
 - (b) applying a sample to the biochip to hybridize the plurality of biopolymers with the sample;
 - (c) detecting said spot location to determine an amount of biopolymers bound with the sample; and
 - (d) storing on the storage medium of the biochip information of the amount of the biopolymers bound with the sample at said spot location.
18. The biochip of claim 1, wherein each of the plurality of biopolymers comprises a DNA molecule.
19. The biochip of claim 1, wherein each of the plurality of biopolymers comprises a protein molecule.
21. The method of claim 8, wherein each of the plurality of biopolymers comprises a DNA molecule.
22. The method of claim 8, wherein each of the plurality of biopolymers comprises a protein molecule.
26. A method of manufacturing a biochip, comprising the steps:
 - spotting a plurality of biopolymers on a surface of the biochip in a predetermined pattern thereby providing spot locations thereon; and
 - writing into a storage medium of the biochip information of the spot locations, identity of the biopolymers, and an amount of the biopolymers spotted on each of said spot locations.

27. The method according to claim 8, wherein in the applying step, hybridization occurs between the sample and biopolymers spotted on the biochip to provide the biopolymers bound with the sample.
28. The biochip according to claim 1, further comprising a looped antenna, wherein the storage medium is an integrated circuit memory connected to the looped antenna, the storage medium thereby being capable of reading/writing information in a non-contact state.

Please add the following new claims:

29. The method according to claim 8, further comprising a step of searching the storage medium for the amount of the biopolymers spotted on the biochip or the amount of the biopolymers bound with the sample based on the spot location.
30. The method according to claim 8, further comprising a step of displaying the amount of the biopolymers spotted on the biochip or the amount of the biopolymers bound with the sample.